United States Patent [19] [11] Patent Number: 5,023,100 Date of Patent: Jun. 11, 1991 Chang et al. References Cited [54] FISH OIL [56] U.S. PATENT DOCUMENTS [75] Inventors: Stephen S. Chang; Yongde Bao, both of East Brunswick, N.J.; Timothy J. 3,682,993 8/1972 Wetzold 260/428.5 Pelura, Alameda, Calif. 3,950,266 4/1976 Chang et al. 426/542 4,093,540 6/1978 Gupta 426/417 [73] Assignee: Kabi Vitrum AB, Sweden 4,363,823 12/1982 Kimura et al. 426/417 4,623,488 11/1986 Takao 260/428 The portion of the term of this patent [*] Notice: subsequent to Oct. 17, 2006 has been Primary Examiner-Marianne Cintins disclaimed. Attorney, Agent, or Firm-Cook, Egan, McFarron & [21] Appl. No.: 415,765 Manzo, Ltd. Oct. 2, 1989 [22] Filed: [57] **ABSTRACT** An edible fish oil is disclosed which contains EPA and Related U.S. Application Data DHA. This oil, with significantly reduced undesirable Continuation of Ser. No. 189,198, May 2, 1988, Pat. [63] impurities, is obtained by subjecting fish oil to vacuum No. 4,874,629. steam distillation contacting the oil with an adsorbent Int. Cl.⁵ A23D 5/00; C11B 3/12 and recovering the oil. The oil can be combined with a [52] U.S. Cl. 426/601; 426/417;

426/487; 426/492; 260/428

[58] Field of Search 426/601, 541, 655, 486,

426/487, 488, 492, 330.6, 417; 260/428, 398,

16 Claims, 2 Drawing Sheets

vegetable oil and/or Rosemary extract antioxidant to

improve its oxidative stability.